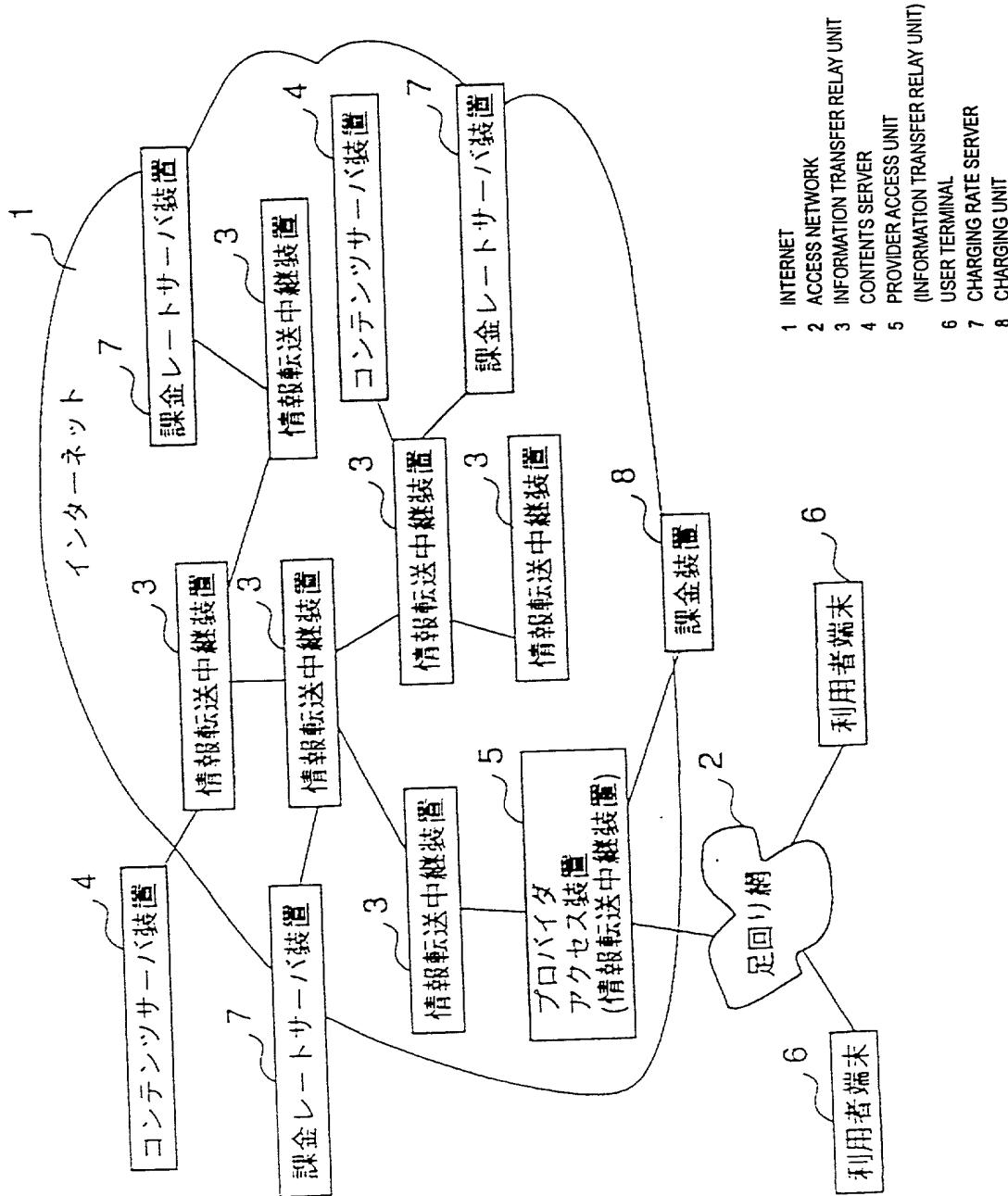


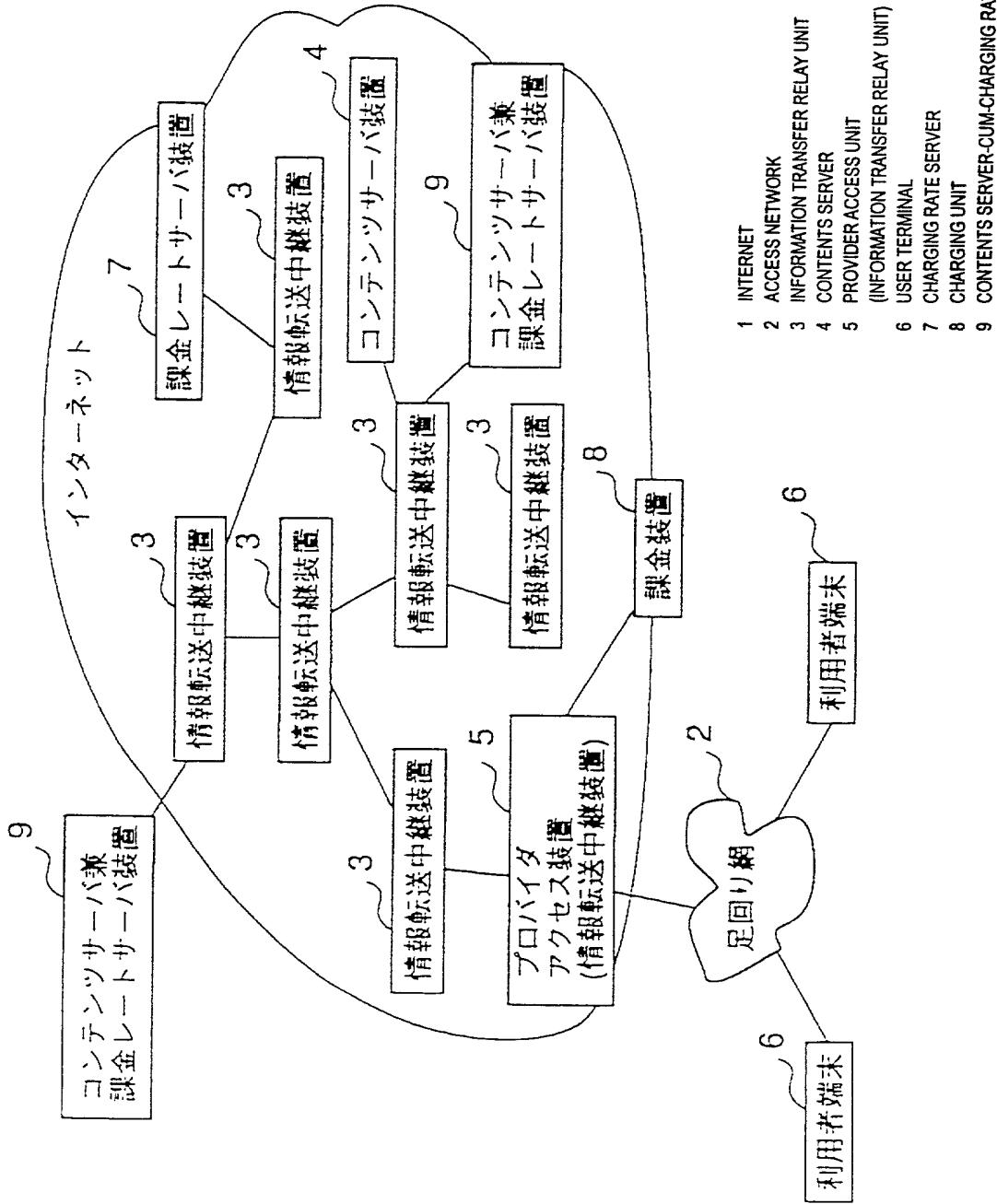
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FIG. 1

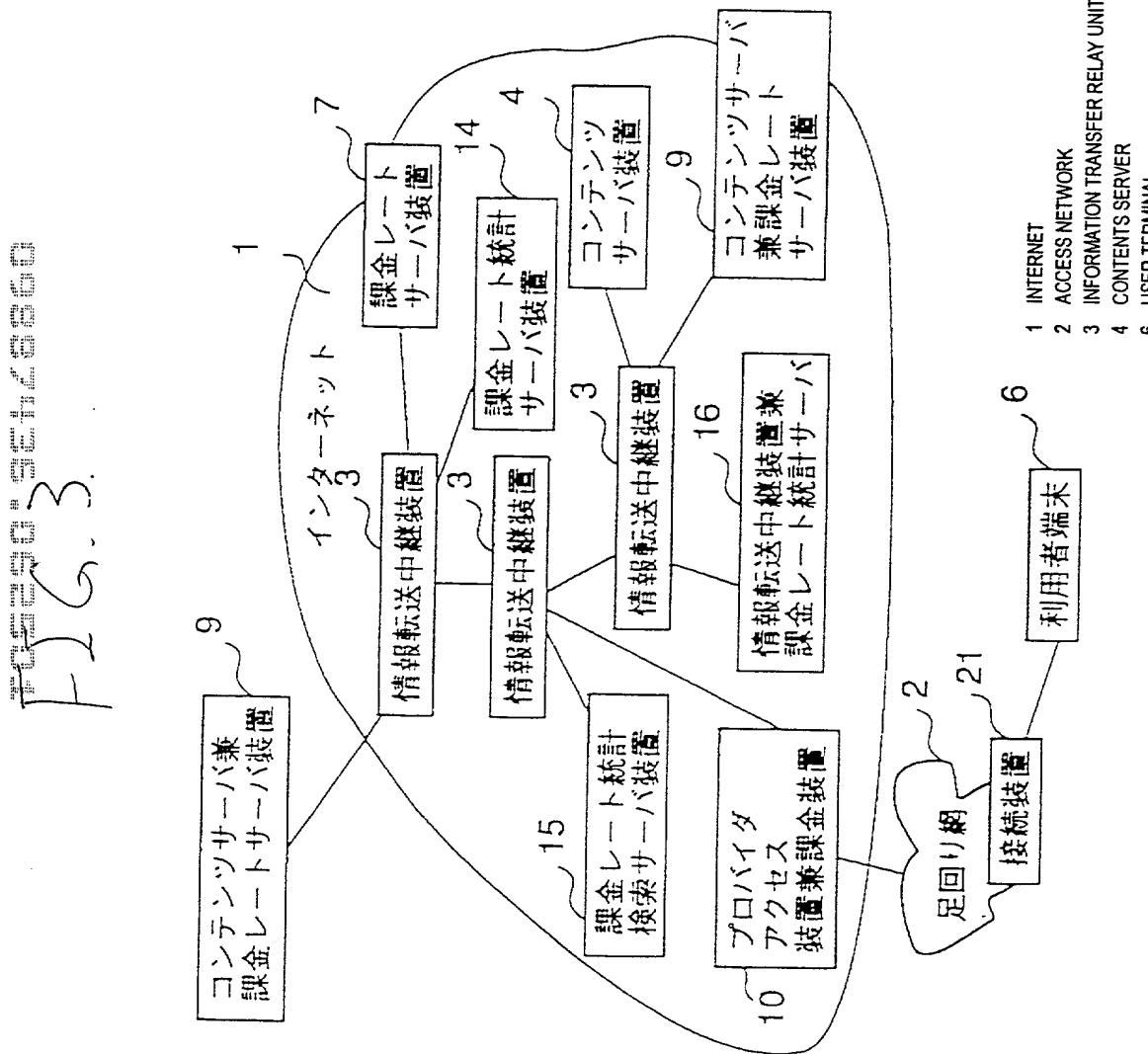


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FIG. 2.

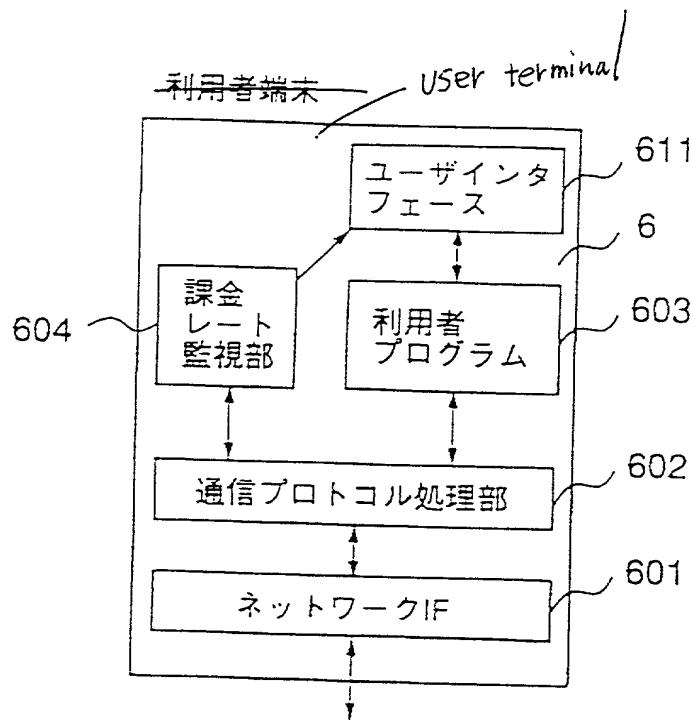


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FIG. 4



- 601 NETWORK I/F
- 602 COMMUNICATION PROTOCOL PROCESSING SECTION
- 603 USER PROGRAM
- 604 CHARGING RATE MONITOR SECTION
- 611 USER INTERFACE

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FIG. 5

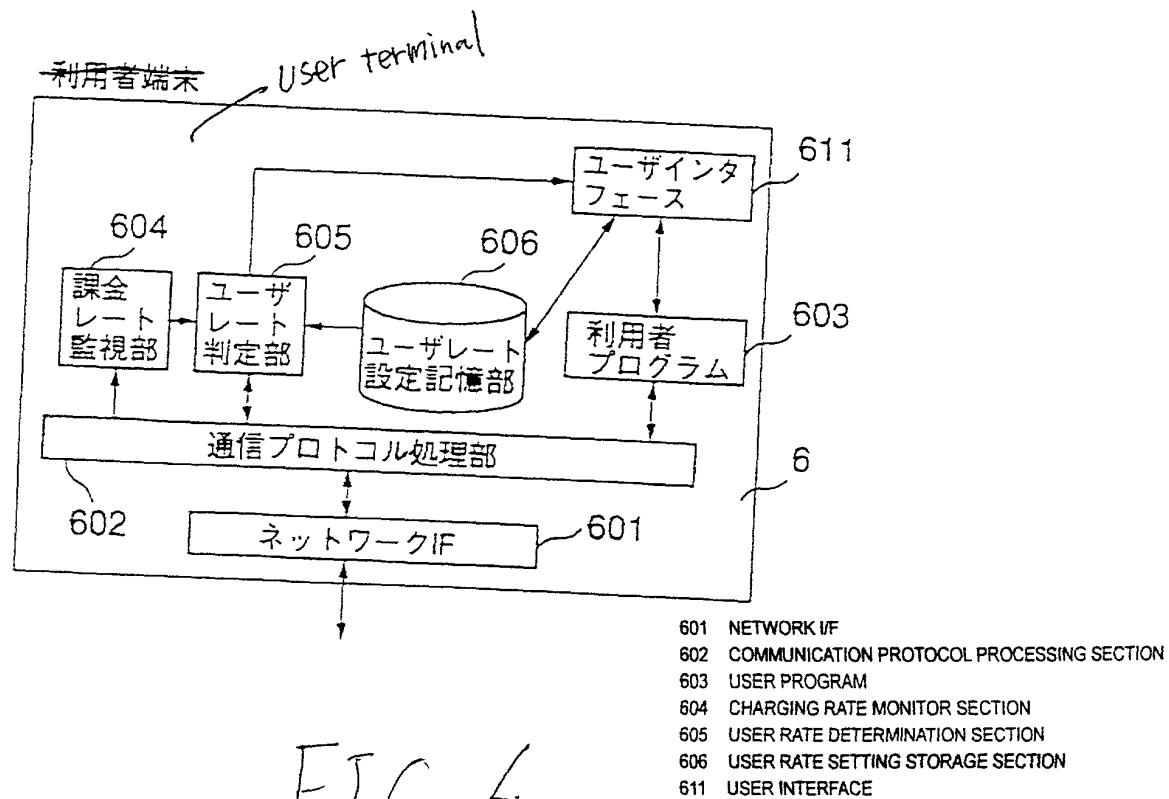
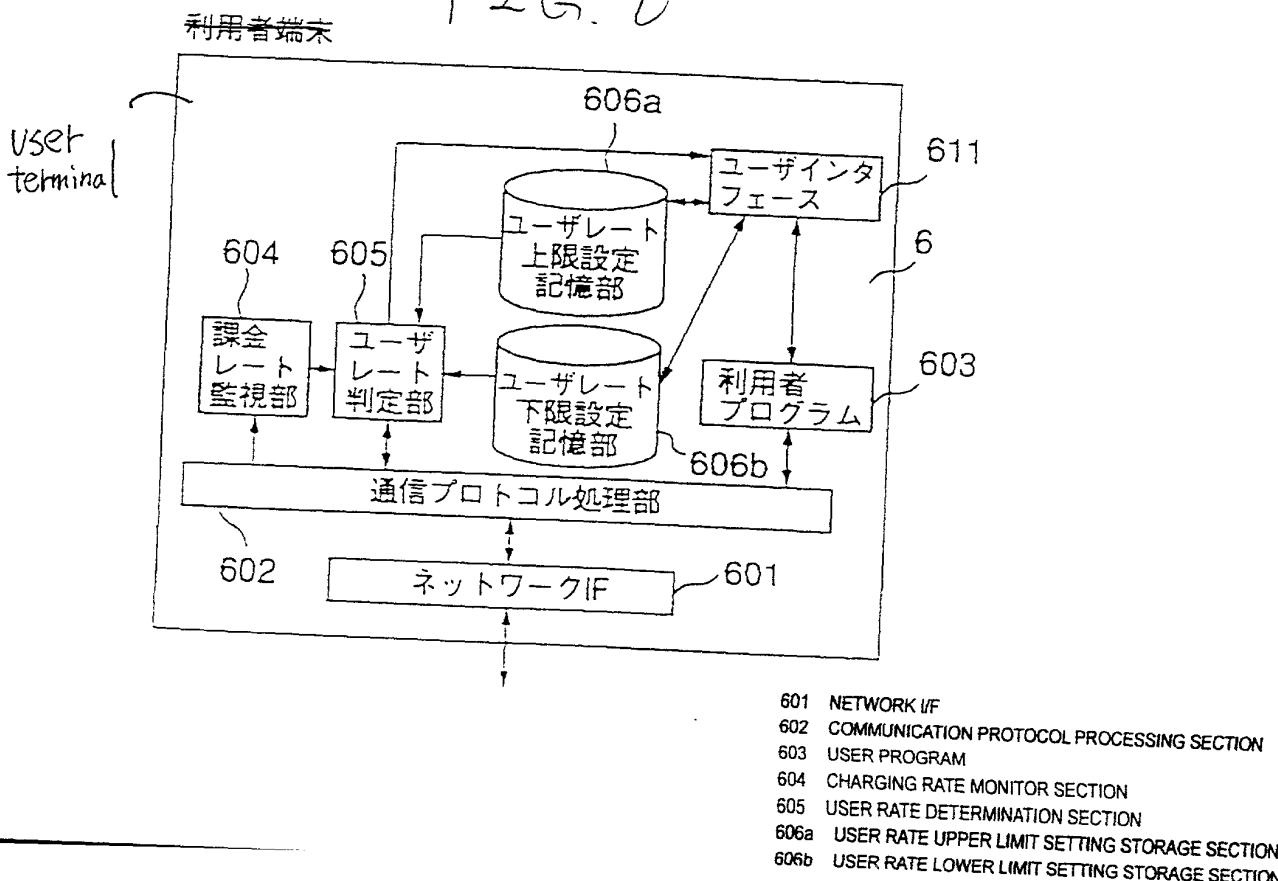


FIG. 6



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FIG. 7

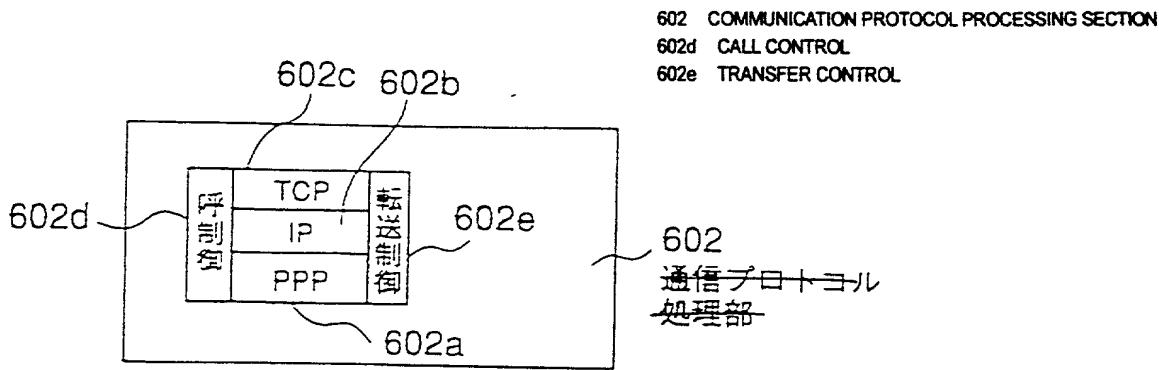
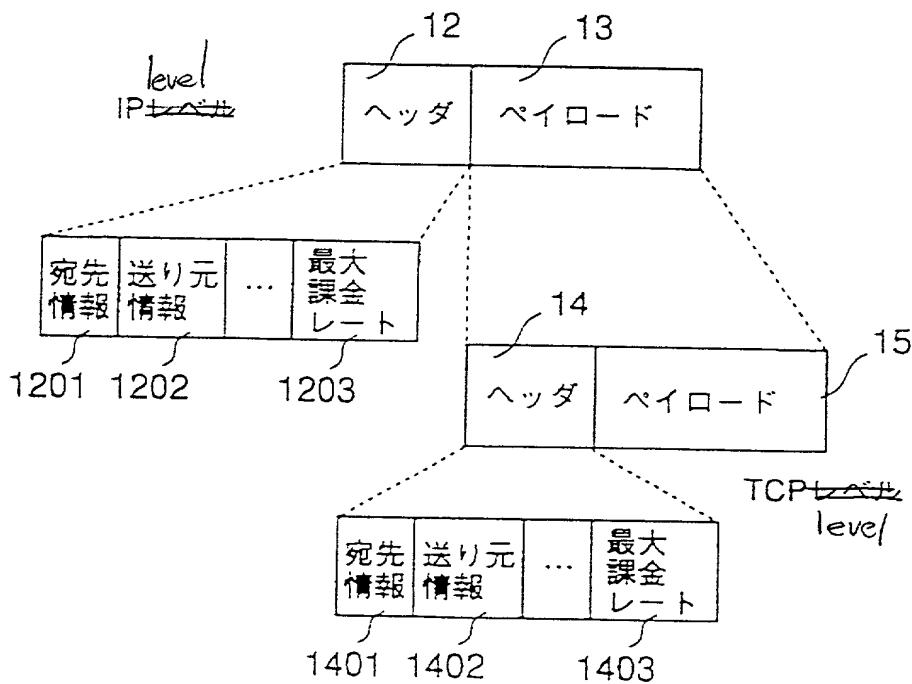


FIG. 8



12 HEADER
 13 PAYLOAD
 1201 DESTINATION INFORMATION
 1202 SOURCE INFORMATION
 1203 MAXIMUM CHARGING RATE
 14 HEADER
 15 PAYLOAD
 1401 DESTINATION INFORMATION
 1402 SOURCE INFORMATION
 1403 MAXIMUM CHARGING RATE

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FIG. 9

3 INFORMATION TRANSFER RELAY UNIT
301 NETWORK IF
302 COMMUNICATION PROTOCOL PROCESSING SECTION
303 TRANSFER CONTROL PROGRAM
304 CHARGING RATE MONITOR SECTION
305 USER CHARGING RATE MONITOR SECTION
306 SERVER SERVICE CHARGING RATE STORAGE SECTION
307 MAXIMUM-CHARGING-RATE-BY-USER STORAGE SECTION
308 TRANSFER-DETERMINATION-BY-USER SECTION

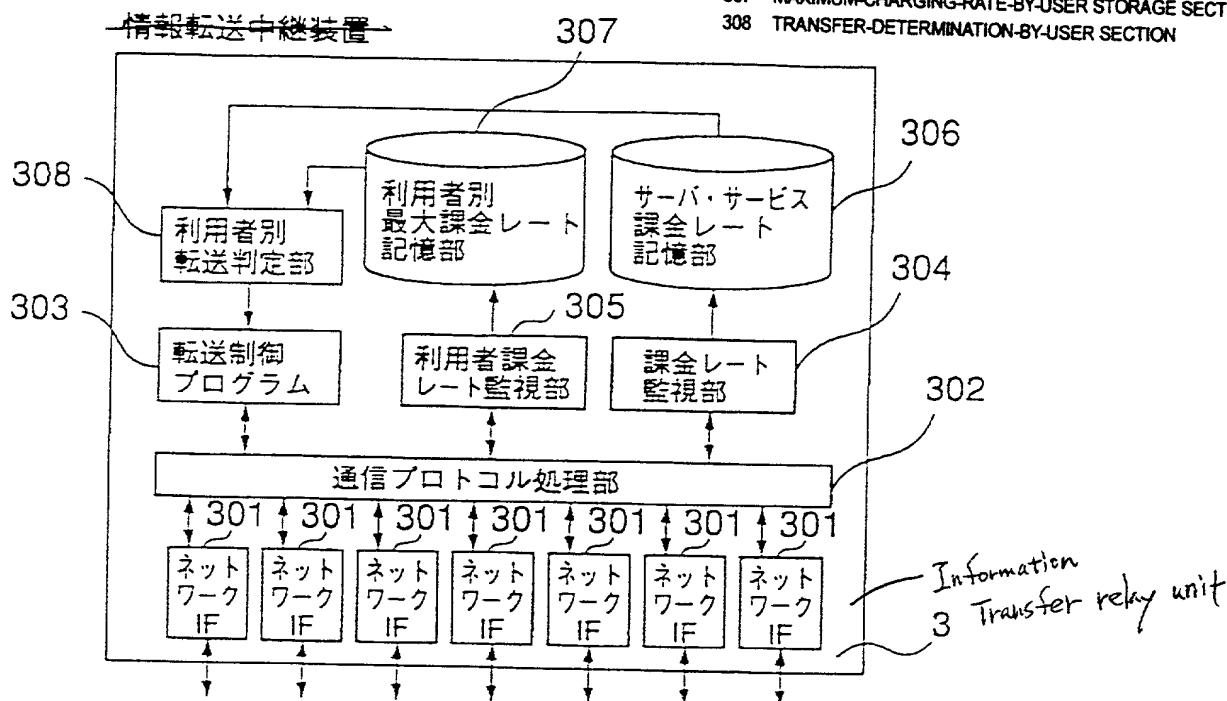
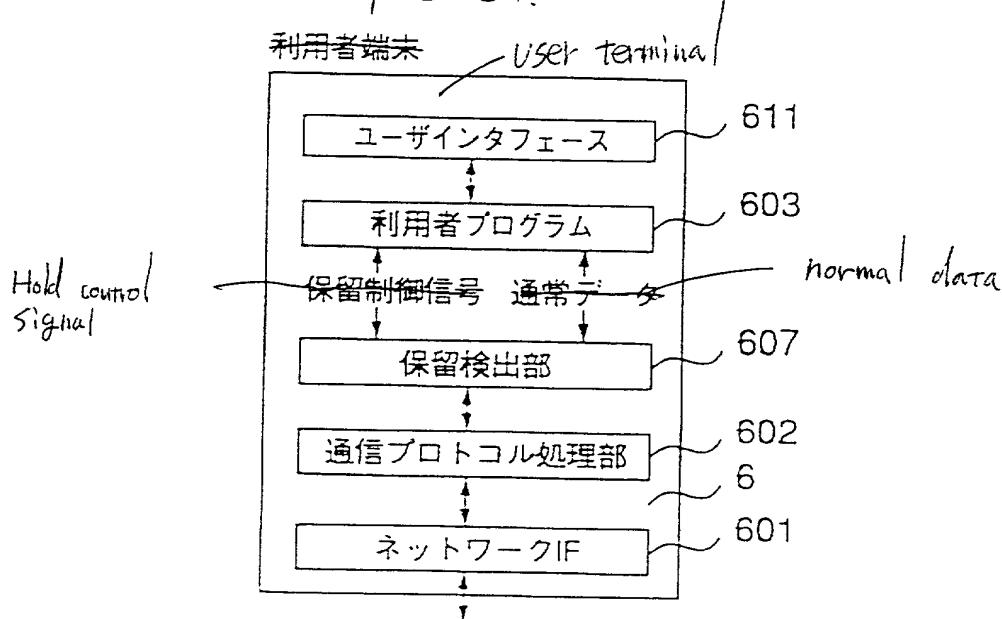


FIG. 10



611 USER INTERFACE
603 USER PROGRAM
607 HOLD DETECTION SECTION
602 COMMUNICATION PROTOCOL PROCESSING SECTION
601 NETWORK IF

FIG. 11

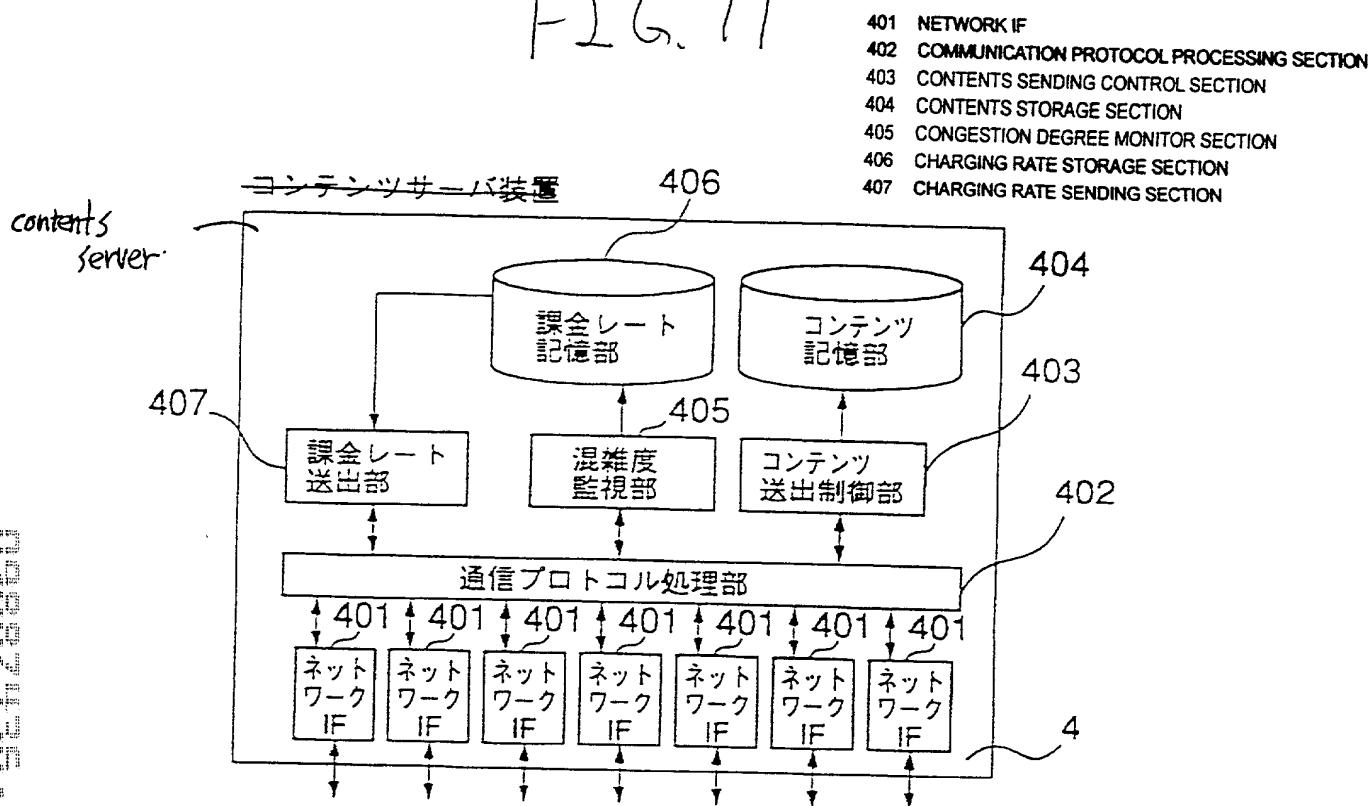
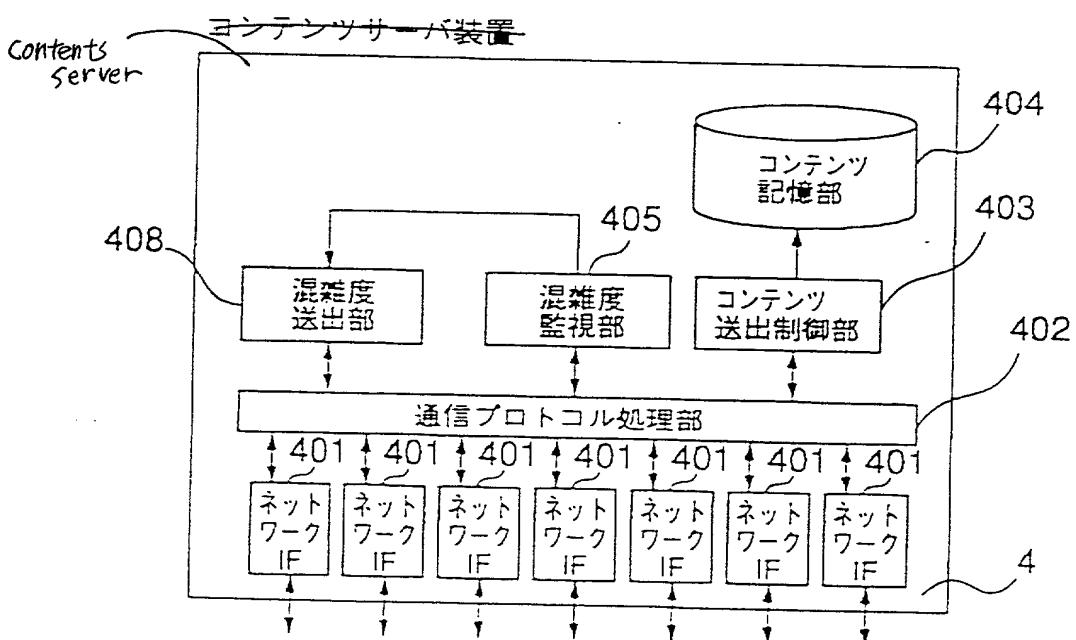


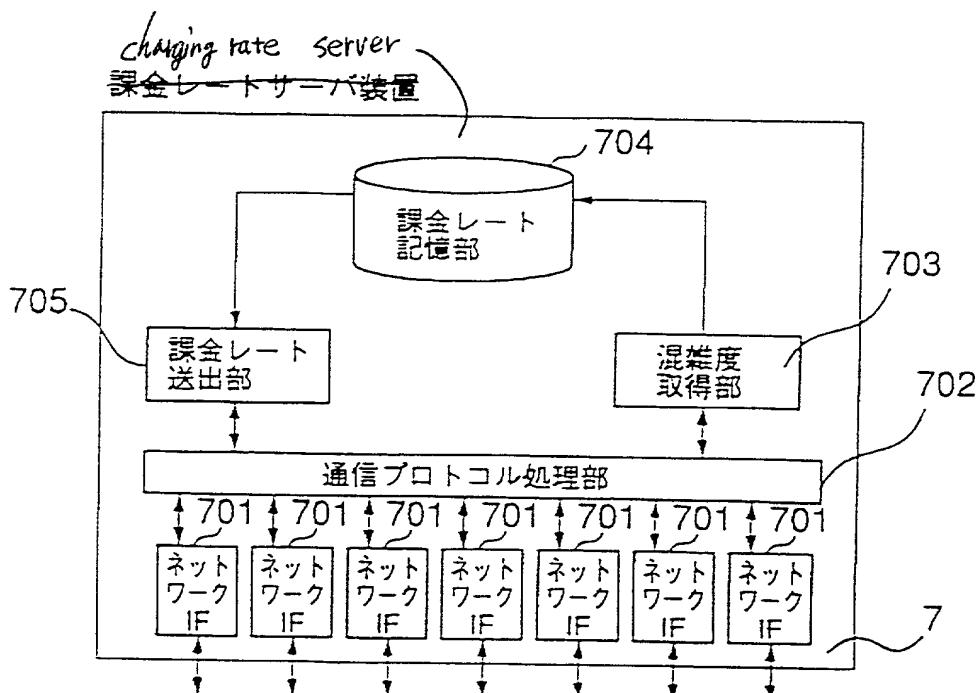
FIG. 12



401 NETWORK IF
 402 COMMUNICATION PROTOCOL PROCESSING SECTION
 403 CONTENTS SENDING CONTROL SECTION
 404 CONTENTS STORAGE SECTION
 405 CONGESTION DEGREE MONITOR SECTION
 406 CHARGING RATE STORAGE SECTION
 407 CHARGING RATE SENDING SECTION

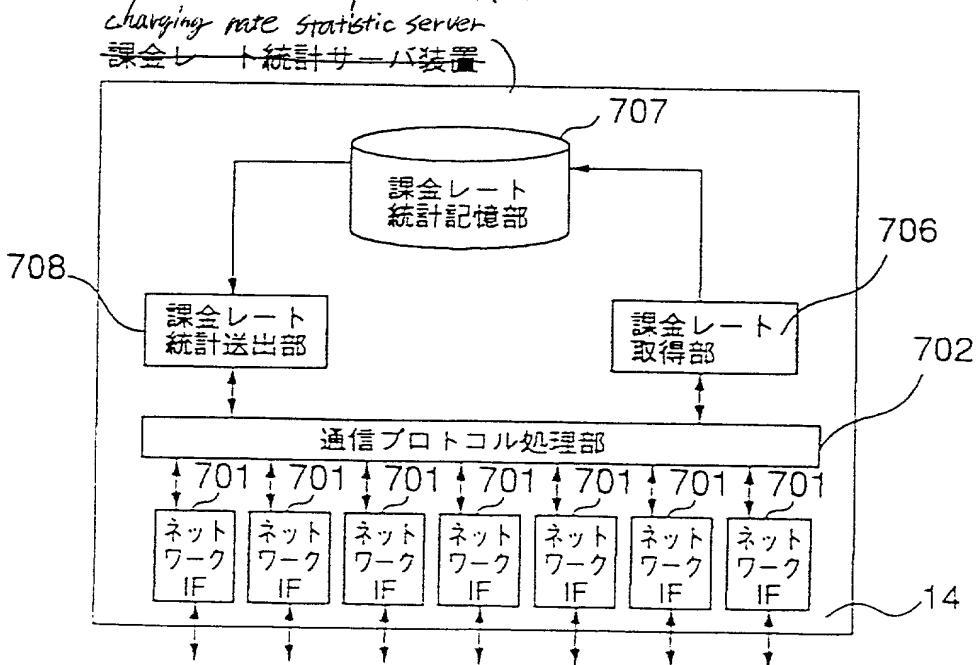
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FIG. 13



701 NETWORK IF
702 COMMUNICATION PROTOCOL PROCESSING SECTION
703 CONGESTION DEGREE ACQUISITION SECTION
704 CHARGING RATE STORAGE SECTION
705 CHARGING RATE SENDING SECTION

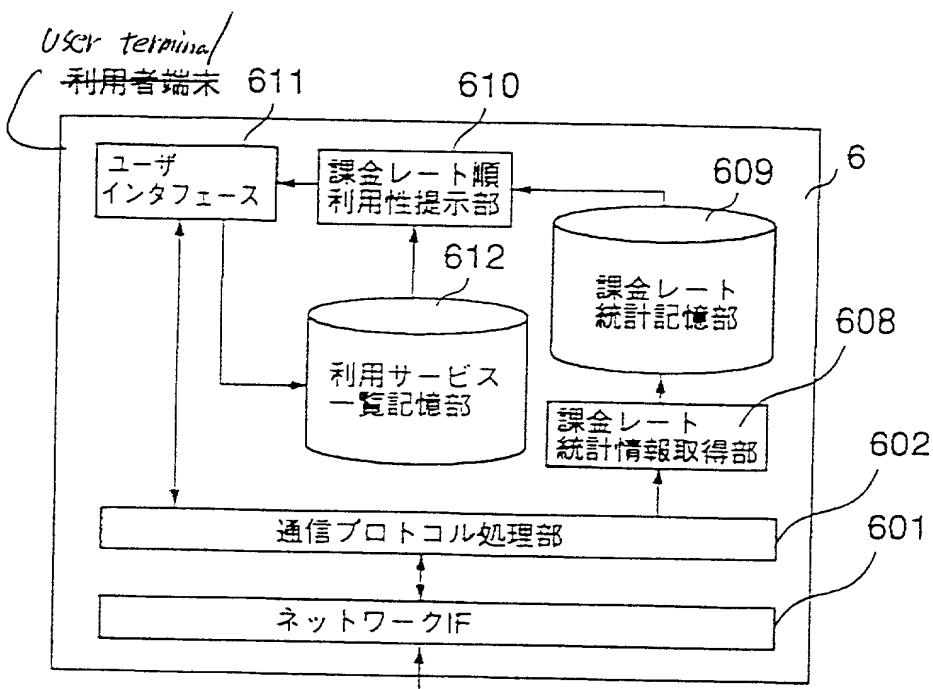
FIG. 14



701 NETWORK IF
702 COMMUNICATION PROTOCOL PROCESSING SECTION
706 CHARGING RATE ACQUISITION SECTION
707 CHARGING RATE STATISTIC STORAGE SECTION
708 CHARGING RATE STATISTIC SENDING SECTION

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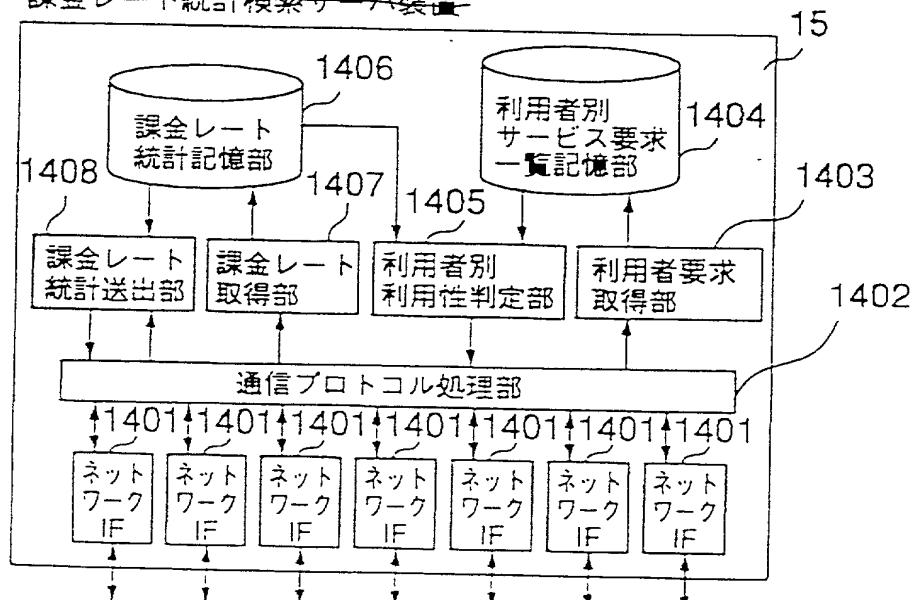
FIG. 15



601 NETWORK I/F
 602 COMMUNICATION PROTOCOL PROCESSING SECTION
 608 CHARGING RATE STATISTICAL INFORMATION ACQUISITION SECTION
 609 CHARGING RATE STATISTICAL STORAGE SECTION
 610 CHARGING RATE ORDER AVAILABILITY SHOWING SECTION
 611 USER INTERFACE
 612 USE SERVICE LIST STORAGE SECTION

FIG. 16

charging rate statistic retrieval server
 課金レート統計検索サーバ装置

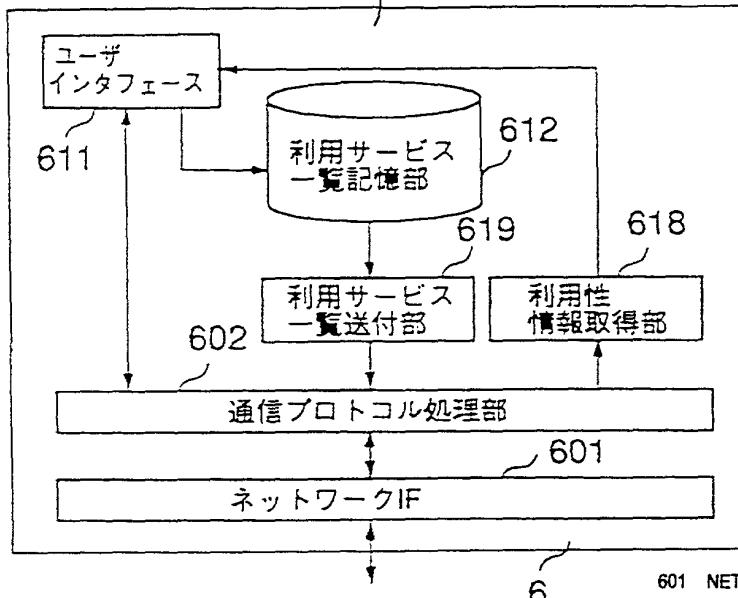


1401 NETWORK I/F
 1402 COMMUNICATION PROTOCOL PROCESSING SECTION
 1403 USER REQUEST ACQUISITION SECTION
 1404 SERVICE-REQUEST-LIST-BY-USER STORAGE SECTION
 1405 AVAILABILITY-BY-USER DETERMINATION SECTION
 1406 CHARGING RATE STATISTIC STORAGE SECTION

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FIG. 17

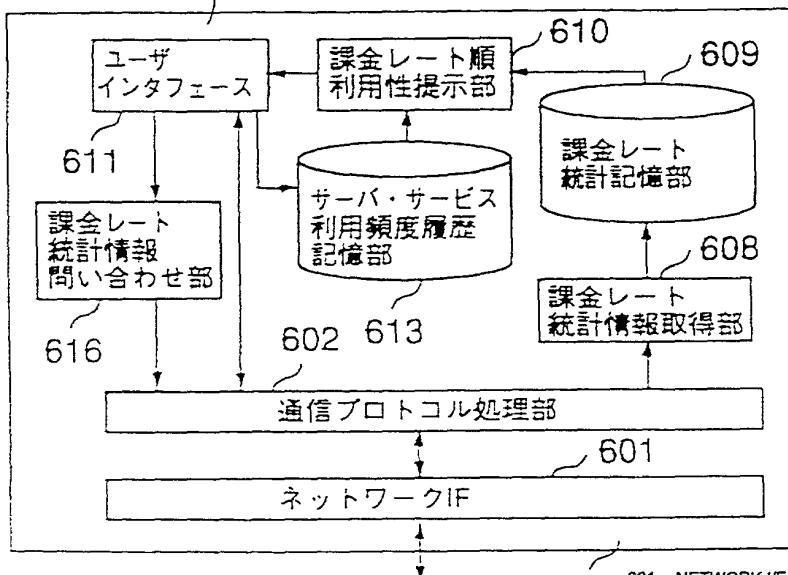
利用者端末 User terminal



601 NETWORK I/F
 602 COMMUNICATION PROTOCOL PROCESSING SECTION
 611 USER INTERFACE
 612 USE SERVICE LIST STORAGE SECTION
 618 AVAILABILITY INFORMATION ACQUISITION SECTION
 619 USE SERVICE LIST SENDING SECTION

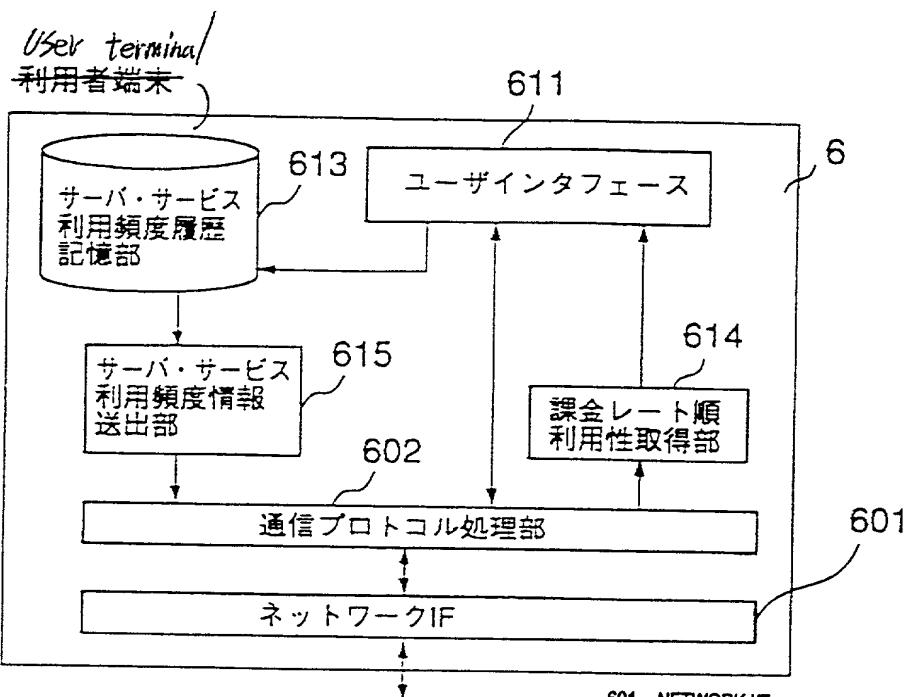
FIG. 18

User terminal
利用者端末



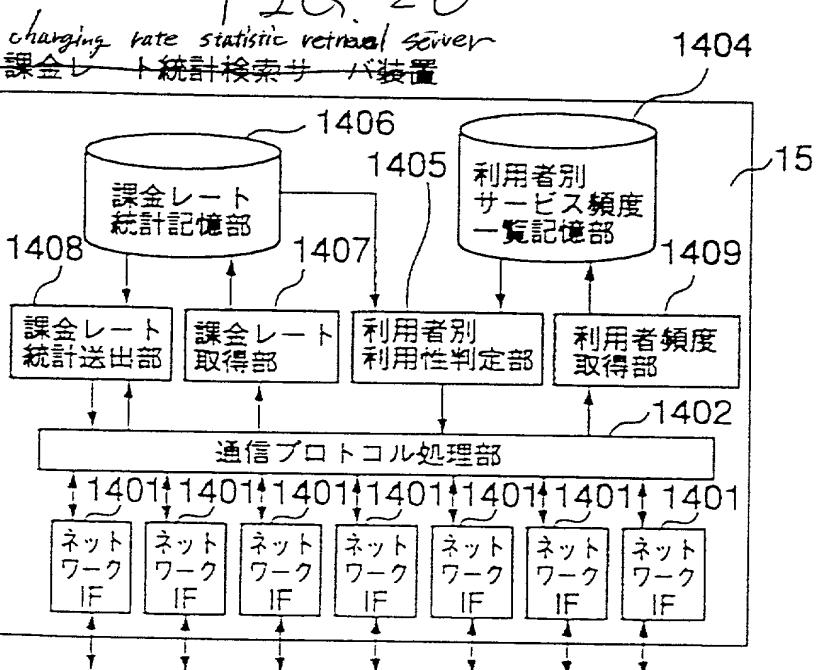
601 NETWORK I/F
 602 COMMUNICATION PROTOCOL PROCESSING SECTION
 608 CHARGING RATE STATISTICAL INFORMATION ACQUISITION SECTION
 609 CHARGING RATE STATISTICAL STORAGE SECTION
 610 CHARGING RATE ORDER AVAILABILITY SHOWING SECTION
 611 USER INTERFACE

FIG. 19



601 NETWORK I/F
 602 COMMUNICATION PROTOCOL PROCESSING SECTION
 611 USER INTERFACE
 613 SERVER SERVICE USE FREQUENCY HISTORY STORAGE SECTION
 614 CHARGING RATE ORDER AVAILABILITY ACQUISITION SECTION
 615 SERVER SERVICE USE FREQUENCY INFORMATION SENDING SECTION

FIG. 20



1401 NETWORK I/F
 1402 COMMUNICATION PROTOCOL PROCESSING SECTION
 1404 SERVICE-FREQUENCY-LIST-BY-USER STORAGE SECTION
 1405 AVAILABILITY-BY-USER DETERMINATION SECTION
 1406 CHARGING RATE STATISTIC STORAGE SECTION
 1407 CHARGING RATE ACQUISITION SECTION

301 NETWORK I/F
302 COMMUNICATION PROTOCOL PROCESSING SECTION
303 TRANSFER CONTROL PROGRAM
304 CHARGING RATE MONITOR SECTION
305 USER CHARGING RATE MONITOR SECTION
306 SERVER SERVICE CHARGING RATE STORAGE SECTION
307 MAXIMUM-CHARGING-RATE-BY-USER STORAGE SECTION
308 TRANSFER-DETERMINATION-BY-USER SECTION
309 USER SERVER SERVICE USE MONITOR SECTION
310 USER USE SERVER SERVICE FREQUENCY INFORMATION SENDING SECTION
311 SERVER-SERVICE-USE-FREQUENCY-BY-USER STORAGE SECTION

FIG. 21

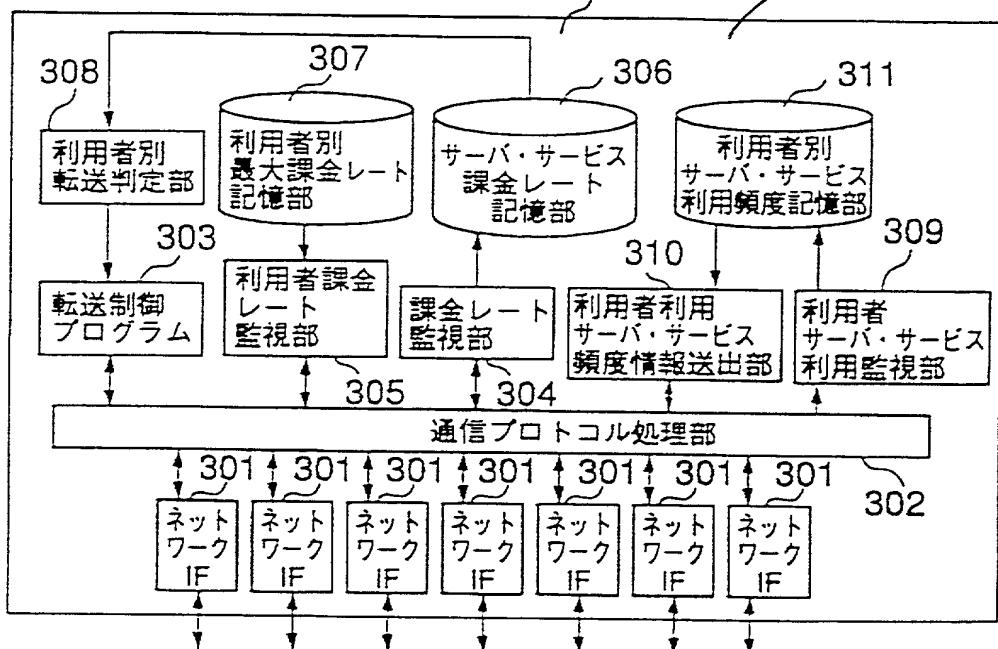
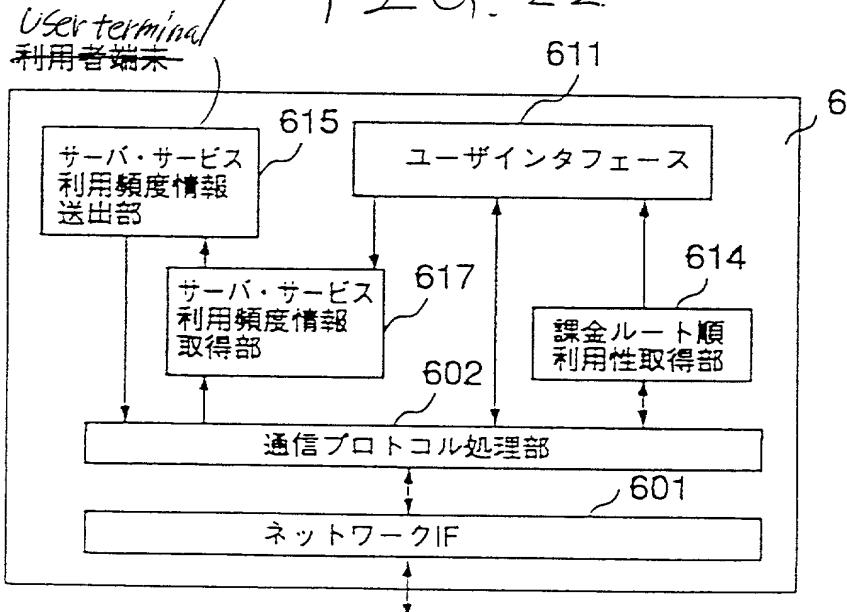
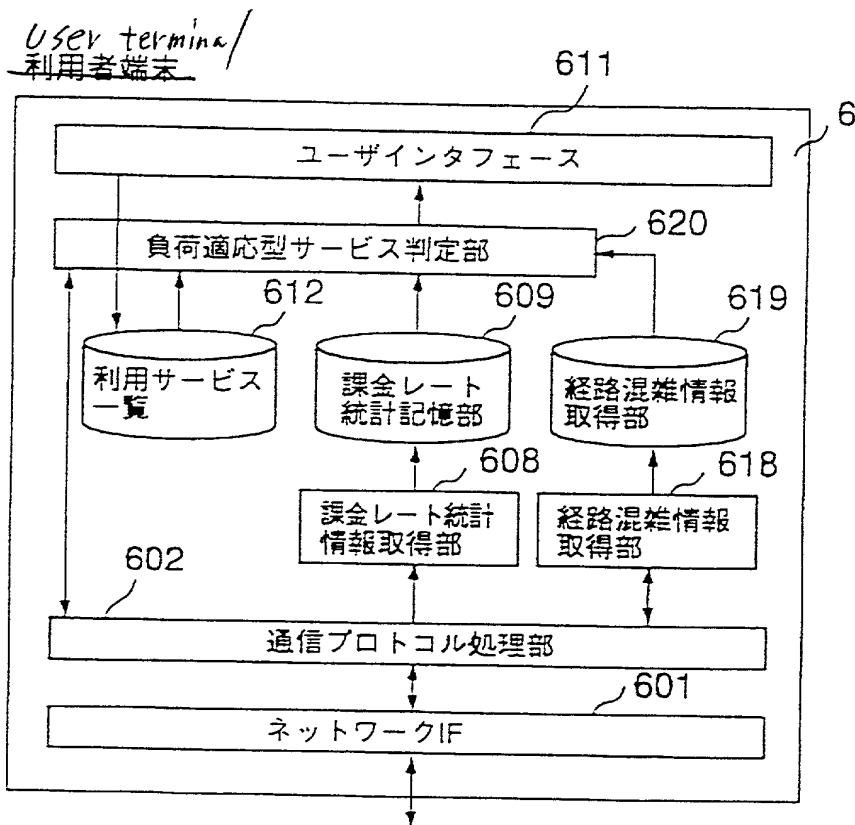


FIG. 22



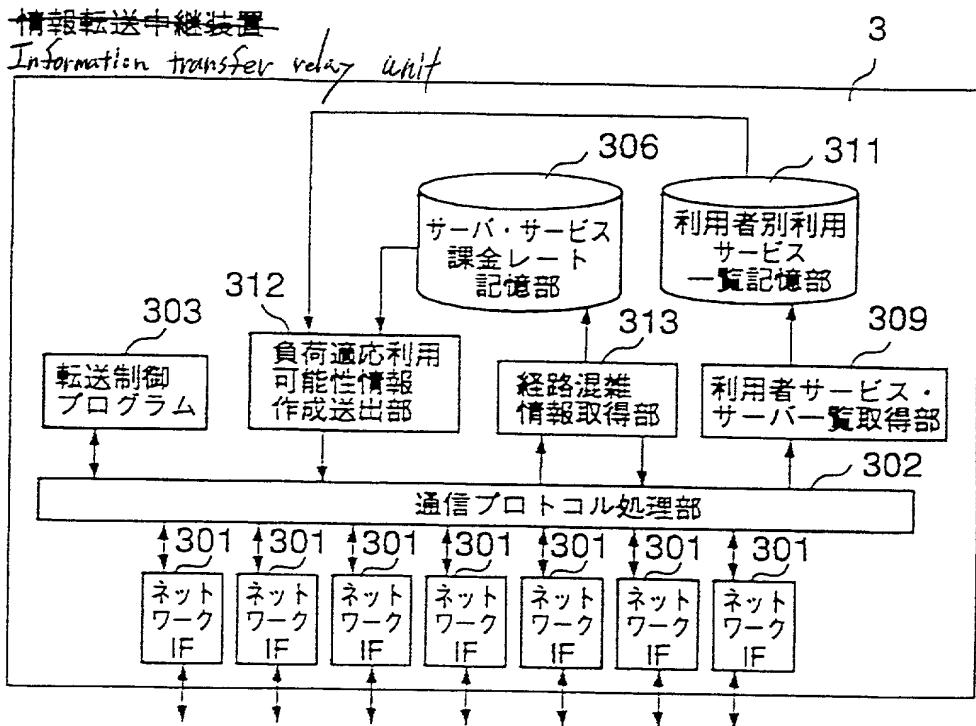
601 NETWORK I/F
602 COMMUNICATION PROTOCOL PROCESSING SECTION
611 USER INTERFACE
614 CHARGING RATE ORDER AVAILABILITY ACQUISITION SECTION
615 SERVER SERVICE USE FREQUENCY INFORMATION SENDING SECTION
617 SERVER SERVICE USE FREQUENCY INFORMATION ACQUISITION SECTION

FIG. 23



- 601 NETWORK I/F
- 602 COMMUNICATION PROTOCOL PROCESSING SECTION
- 608 CHARGING RATE STATISTICAL INFORMATION ACQUISITION SECTION
- 609 CHARGING RATE STATISTICAL STORAGE SECTION
- 612 USE SERVICE LIST STORAGE SECTION
- 618 ROUTE CONGESTION INFORMATION ACQUISITION SECTION
- 619 ROUTE CONGESTION INFORMATION STORAGE SECTION
- 620 LOAD ADAPTIVE TYPE SERVICE DETERMINATION SECTION

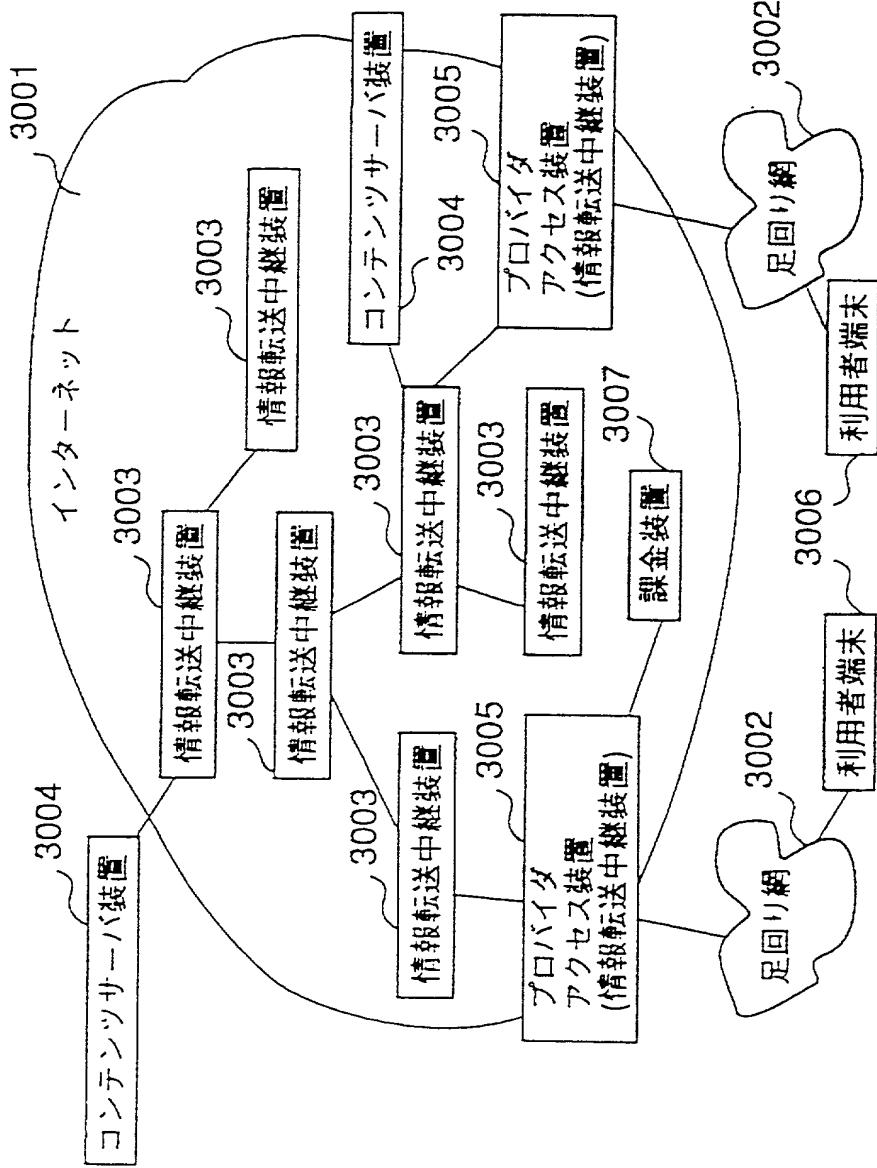
FIG. 24



301 NETWORK IF
302 COMMUNICATION PROTOCOL PROCESSING SECTION
303 TRANSFER CONTROL PROGRAM
306 SERVER SERVICE CHARGING RATE STORAGE SECTION
309 USER SERVER SERVICE LIST ACQUISITION SECTION
311 USE-SERVICE-LIST-BY-USER STORAGE SECTION
313 ROUTE CONGESTION INFORMATION ACQUISITION SECTION

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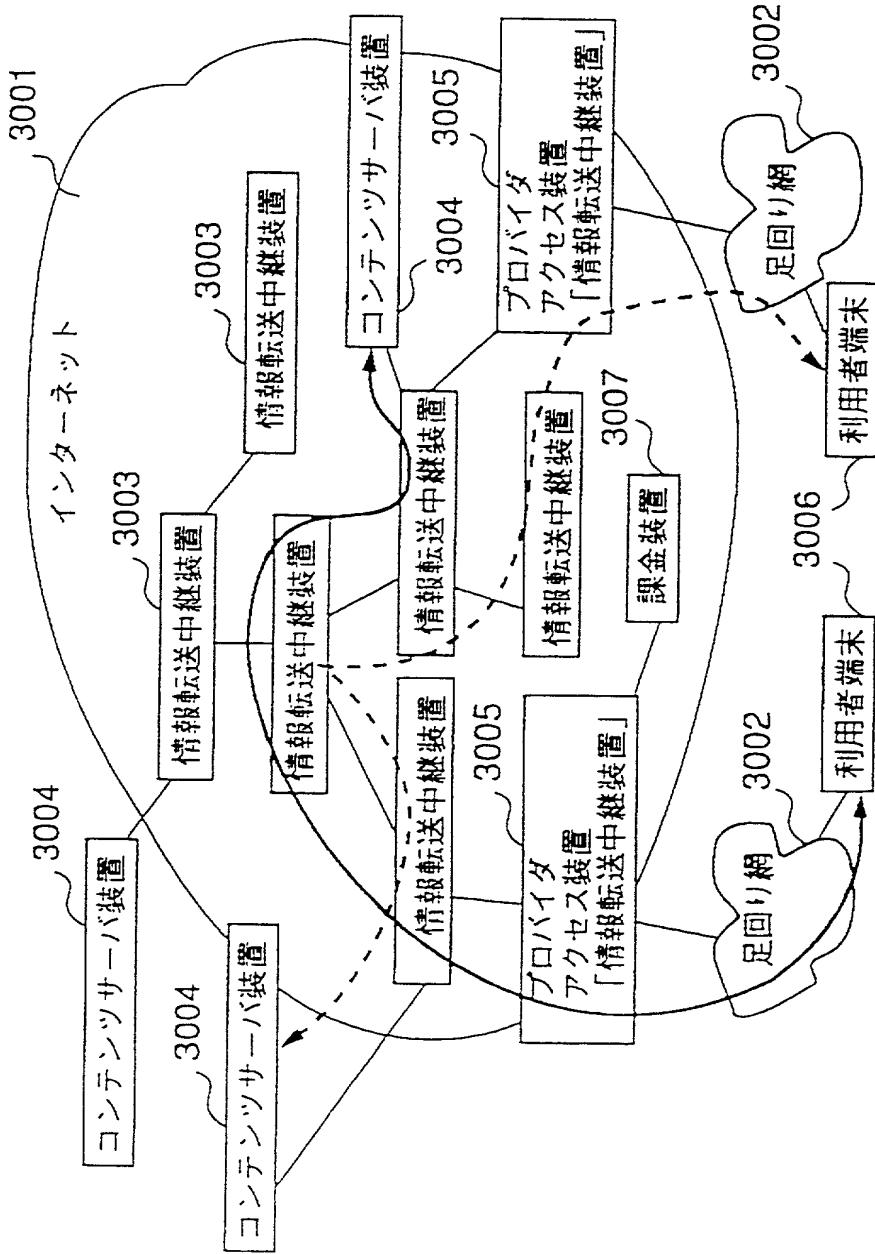
FIG. 25



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| | |
|------|---|
| 3001 | INTERNET |
| 3002 | ACCESS NETWORK |
| 3003 | INFORMATION TRANSFER RELAY UNIT |
| 3004 | CONTENTS SERVER |
| 3005 | PROVIDER ACCESS UNIT (INFORMATION TRANSFER RELAY UNIT) |
| 3006 | USER TERMINAL |
| 3007 | CHARGING UNIT |